



STATE OF UTAH-DEPARTMENT OF SOCIAL SERVICES

Executive Director

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DIVISION OF HEALTH
44 MEDICAL DRIVE
SALT LAKE CITY, UTAH 84113
AREA CODE 801

328-6146

September 27, 1972

Board of Health
Air Conservation Committee
Health Facilities Council
Medical Examiner Committee
Nursing Home Advisory Council
Water Pollution Committee

BUREAU OF ENVIRONMENTAL HEALTH
72 East 4th South
Salt Lake City, Utah

LYMAN J. OLSEN, M.D., M.P.H.
Director of Health

Mr. Robert Young
260 South 100 East
Heber City, Utah 84032

Re: Plan Approval for Water Supply
and Wastewater Disposal Facilities
Hitching Post Mobil Home Park
Heber City, Utah

Dear Mr. Young:

We appreciated having you in our office September 20, 1972, to help clarify and add further documentation to the information already in our files pertaining to the above referenced project. All information received has been reviewed for compliance with Utah State Division of Health standards and we offer the following comments and suggestions.

Water Supply

The proposed water system consists of pumping water from the existing well, through chlorination facilities and into the 15,000 gallon storage reservoir. The water will then be pumped into the system by means of a hydropneumatic tank which will pressurize the system. Review of all information received shows that the plans for the proposed water supply system substantially comply with Utah State Division of Health standards and they are hereby approved upon the following conditions.

1. That the chlorination facilities will be installed and placed in continuous use immediately. It is understood that the chlorination facilities will treat all water coming from the well and not just that serving the Hitching Post development.
2. Appropriate daily entries will be made on the chlorination report forms provided and these forms will be submitted to this office monthly for review by this Division.
3. You will initiate a regular bacteriologic sampling program which will consist of submitting a minimum of 4 samples per month for bacteriologic analysis. Two samples should be collected twice a month and one of these samples should be prior to chlorination and the other from the distribution system following chlorination. If the raw water bacteriologic analyses show a most probable number of coliforms greater than 50 coliforms per 100 milliliters the source must be abandoned for use in a public water supply system.

Wastewater Disposal

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The wastewater for this mobil home park will be disposed of through two separate sewage disposal systems. Unit number 1 will consist of an addition of a deep trench seepage device to the field drain system presently serving the fourteen trailer spaces and service building of the former KOA campground and trailer court. Twelve new trailer spaces will be connected to the number 1 sewer system. Unit number 2 will consist of sewer hook-ups, sewer laterals and mains, septic tank and deep trench type absorption system for forty-five new trailer spaces.

Construction permits for the wastewater disposal systems are hereby granted provided they are installed to meet the following minimum specifications.

Unit number 1 shall consist of a deep trench 100 feet long, 3 feet wide with an effective depth of 10 feet. The sidewall area below the bottom of the wastewater distribution pipe is considered the effective depth of the trench.

The trench is to be filled with man-sized stone (3" to 12" in diameter) to within 6" of the distribution pipe. A 6" layer of drainfield gravel over the stone, the distribution pipe installed level added covering the pipe to a trench and an additional 6" layer of gravel shall completely incase the distribution pipe and shall be covered with an effective barrier such as untreated building paper or straw to prevent infiltration of trench backfill. The trench is then to be backfilled to a depth of at least 12 inches.

Unit number 2 The individual trailer sewer and water connections must have a minimum separation of 5 feet.

The sewer lines sizes and manholes as indicated on the plans are approved provided they are separated from water service pipes in separate trenches by at least 10 feet horizontally, and the bottom of the water service pipe must be at least 12" above the sewer line at any point that they cross.

A septic tank conforming with the construction specifications outlined in Part V of the "Code of Waste Disposal Regulations", with a minimum liquid capacity of 5,345 Gallons will be constructed and located as indicated on the plans.

Three deep trenches will be installed for the absorption system for unit number 2. Each of these trenches will be built with the same specifications as the deep trench for unit number 1. A minimum spacing of the three trenches wall to wall will be 10 feet.

Two inspections will be required for the absorption devices for both units by an authorized representative from this office. The first must be made after the trenches have been dug but prior to filling with rock or

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gravel. The second inspection is to be made following construction, but before backfilling is accomplished. Following the second inspection, approval may be granted providing the deep trenches have been installed according to the specifications listed above.

If you have any questions with any of the materials outlined above, please do not hesitate to call us.

Very truly yours,

Lynn M. Thatcher
Deputy Director of Health

MRR:RV:jn

cc: Utah Division of Health, Vernal
Wasatch County Planning Commission
Wasatch County Commission